

LTA: 222Ke21

NAME:  
Charlesburg Till Plain

ACRES:  
70002.367

SQUARE MILES:  
109.379

DESCRIPTION:  
The characteristic landform pattern is undulating till plain with drumlins and scattered bedrock knolls. Soils are predominantly well drained loam over calcareous loam till or dolomite. Common habitat types include AFRDeO, AFRDe, AFRDe(Vb), and wetland

<b>CLIMATE</b>		<b>GEOLOGY</b>	
CODE	PERCENT	BEDROCK TYPE DESCRIPTION	
86	77	Carbonates	
88	10		
92	13		
		AVERAGE DEPTH TO BEDROCK 5005	BEDROCK DEPTH DESCRIPTION Bedrock is between 50 feet and 5 feet of the land surface
<b>GEOMORPHOLOGY</b>			
		GEOMORPHOLOGY PROCESS Till Deposition	TOPOGRAPHY Undulating
		SURFACE Drumlin Morain	

<b>SOIL INFORMATION</b>			
SOIL ASSOCIATIONS Hochheim-Theresa-Lamartine-Channahan-Whalan-Houghton		SOIL DESCRIPTION Well drained, moderately well drained, and somewhat poorly drained loamy and silty soils with a silt loam surface over calcareous loam till or over clay residuum over dolomite bedrock, along with very poorly drained nonacid organic soils.	
SURFACE TEXTURES SIL-MK	GENERAL TEXTURES Loamy-Silty-Mucky	FAMILY TEXTURES FIL-FISI-SP	DRAINAGE CLASSES WD-MWD-SPD-VPD
PARENT MATERIAL Till-Residuum-Organic			

<b>KOTAR'S HABITAT</b>						*Listed in order of probability occurrence, with each having an occurrence of 10% or greater
HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6	

<b>WISCLAND LAND COVER</b>		
COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	55153	79
Bare Land	1337	2
Cloud Cover	105	0
Forested Wetland	2542	4
Grassland	1121	2
High Intensity Urban Area	398	1
Low Intensity Urban Area	336	0
Nonforested Wetland	5557	8
Open Water	1	0
Shrubland	2	0
Upland Broad-leaved Deciduous	3319	5
Upland Coniferous Forest	135	0

<b>FINLEY'S PRESETTLEMENT VEGETATION INFORMATION</b>		
CODE	PERCENT	DEFINITION
BE/O	12	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	35	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OS	2	Oak Openings - Bur, White, Black Oak
GG	0	Prairie
SC	3	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	6	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch
GLS	2	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs
Not Interpreted	40	Area not Interpreted

<b>HYDROLOGY</b>					
PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
36 Miles	40 Miles	70002 Acres	4654 Acres	20'-50'	rectangular